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TITLE: COATING COMPOSITION, COATING FILM THEREOF,
IMAGE ANTIREFLECTION COATING, ANTIREFLECTION FILM,
DISPLAY, AND INTERMEDIATE PRODUCT
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ABSTRACT:

CHG DATE=20020802 STATUS=O>A coating material capable of forming a

high-quality thin film having a regulated refractive index; a coating film formed from the coating material; an antireflection coating comprising the coating film; an antireflection film to which the antireflection coating is applied; and an image display. The coating composition comprises (1) rutile-form titanium oxide having primary particle diameter of 0.01 to 0.1 μ m and coated with an inorganic compound for reducing or eliminating the photocatalytic activity and with an organic compound having an anionic polar group and/or an organometallic compound, (2) a binder ingredient curable with an ionizing radiation, (3) a dispersant having an anionic polar group, and (4) an organic solvent. The coating film formed from the coating composition is suitable for forming a light-transmitting layer constituting or contained in a single- or multi-layer antireflection coating (17), in particular, a medium-refractive-index layer (18), high-refractive-index layer (19), or hard coat layer (16) having a high refractive index.